



NEW PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Wei-Zen CHEN

Application No.: New U.S. Patent Application

Date sent for filing: July 2, 2003

Attorney Dkt. No.: 003-03-016

For: FREQUENCY SYNTHESIZING CIRCUIT

NEW PATENT APPLICATION

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 2, 2003

Commissioner:

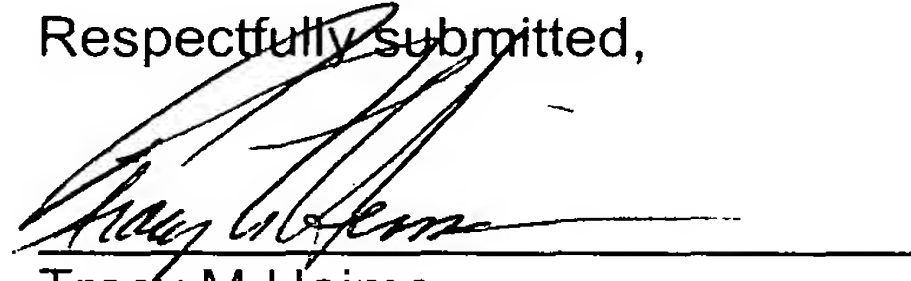
Applicant respectfully requests that a filing date be granted to this filing and herein provides the appropriate documentation. Included is:

1. Certificates of mailings for all documents (1 page)
2. Letter to the Commissioner regarding the application (2 pages)
3. Utility Patent Application Transmittal form (1 page)
4. Declaration for Patent Application and Appointment of Attorney (1 page)
5. Patent Application Fee Determination Record, PTO/SB/17 (1 page)
6. Fee transmittal form in duplicate (2 pages)
7. Small Entity Status Verification by an independent inventor (1 page)

8. Specification (7 pages), claims (1 page), Abstract of the Disclosure (1 page) and formal drawings (4 pages)
9. Business check in the amount of \$375.00
10. Self Address, stamped return post card setting forth the above.

Please charge any fee deficiency or credit any overpayment with respect to this paper and or this application to Apex Juris, pllc. Deposit Account No. 50-2069.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Tracy M Heims", is written over a horizontal line.

Tracy M Heims

Registration No.53,010

APEX JURIS, pllc  
13194 Edgewater Lane Northeast  
Seattle, Washington 98125  
Email: [tracy@apexjuris.com](mailto:tracy@apexjuris.com)  
Tel: 206-664-0314  
Fax: 206-664-0329

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	003-03-016
First Inventor	Wei-Zen CHEN
Title	FREQUENCY SYNTHESIZING CIRCUIT
Express Mail Label No.	

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages 9]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
- Oath or Declaration [Total Pages 1]
  - ☒ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: verified statement by an independent inventor claiming small entity status...

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

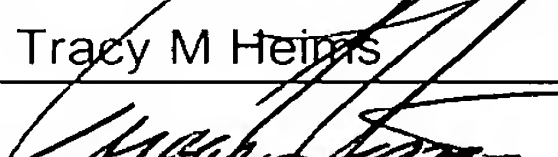
Examiner: \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	<u>35870</u> (Insert Customer No. or Attach bar code label here)	or	<input type="checkbox"/> Correspondence address below
Name	Apex Juris, pllc		
Address	13194 Edgewater Lane Northeast		
City	Seattle	State	Washington
Country	U.S.A.	Zip Code	98125
Telephone	206-664-0314	Fax	206-664-0329

Name (Print/Type)	Tracy M Heims	Registration No. (Attorney/Agent)	53,010
Signature		Date	07/02/2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

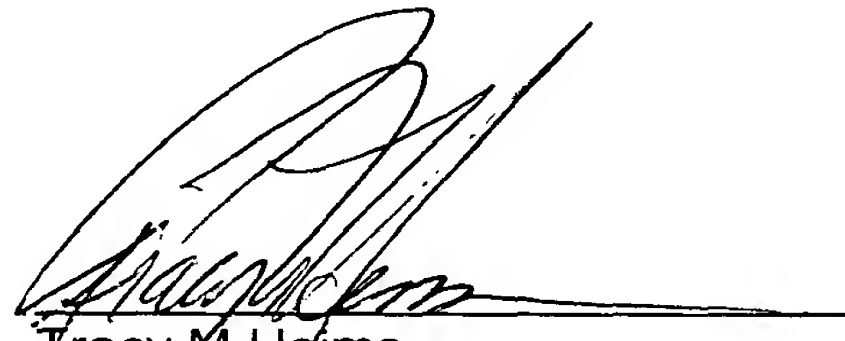
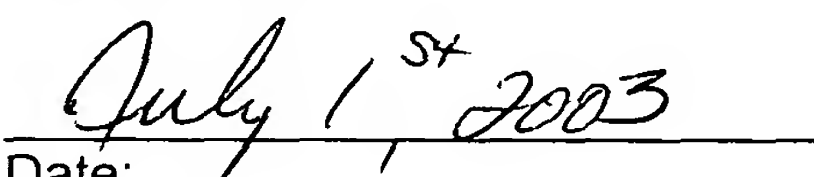
CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8  
FOR: NEW PATENT APPLICATION  
THE FOLLOWING DOCUMENTS INCLUDED:

1. Certificates of mailings for all documents (1 page)
2. Letter to the Commissioner regarding the application (2 pages)
3. Utility Patent Application Transmittal form (1 page)
4. Declaration for Patent Application and Appointment of Attorney (1 page)
5. Patent Application Fee Determination Record, PTO/SB/06 (1 page)
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9. Business check in the amount of \$375.00
10. Self Address, stamped return post card setting forth the above.

I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage as First Class Certified Mail, Return Receipt Requested, Label #7002 2410 0005 7487 5015, with sufficient postage, in an envelope addressed to:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On July 2, 2003

  
Tracy M Heims  
Reg.# 53,010  
  
Date:

Apex Juris, pllc  
13194 Edgewater Lane Northeast  
Seattle, Washington 98125  
Email: [tracy@apexjuris.com](mailto:tracy@apexjuris.com)  
Phone: 206-664-0314  
Fax: 206-664-0329

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD					Application or Docket Number <b>003-03-016</b>	
CLAIMS AS FILED - PART I					SMALL ENTITY OR OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)				
FOR	NUMBER FILED	NUMBER EXTRA			RATE	FEE
BASIC FEE (37 CFR 1.16(a))						\$ <b>375</b>
TOTAL CLAIMS (37 CFR 1.16(c))	<b>4</b> minus 20 =	*	<b>0</b>		x \$ ____ =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	<b>2</b> minus 3 =	*	<b>0</b>		x ____ =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))					+ ____ =	
					TOTAL	<b>375</b>
CLAIMS AS AMENDED - PART II					SMALL ENTITY OR OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)		(Column 3)		
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	
	Total (37 CFR 1.16(c))	*	Minus	**	=	
	Independent (37 CFR 1.16(b))	*	Minus	***	=	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					
(Column 1)		(Column 2)		(Column 3)		
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	
	Total (37 CFR 1.16(c))	*	Minus	**	=	
	Independent (37 CFR 1.16(b))	*	Minus	***	=	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					
(Column 1)		(Column 2)		(Column 3)		
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	
	Total (37 CFR 1.16(c))	*	Minus	**	=	
	Independent (37 CFR 1.16(b))	*	Minus	***	=	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					
(Column 1)		(Column 2)		(Column 3)		

\* If the difference in column 1 is less than zero, enter "0" in column 2.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 375.00

## Complete if Known

Application Number  
Filing Date  
First Named Inventor Wei-Zen CHEN  
Examiner Name  
Art Unit  
Attorney Docket No. 003-03-016

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 50,2069

Deposit Account Name Apex Juris, pllc

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☒ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	375.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 375.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 4 -20\*\* = 0 X Fee from below = 0  
Independent Claims 2 -3\*\* = 0 X Fee from below = 0  
Multiple Dependent 0 X Fee from below = 0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type) Tracy M Heims Registration No. 53,010 Telephone 206-664-0314  
Signature Date July 2, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.